



## SAFETY DATA SHEET

### Astonish Non Bio 2 in 1 Liquid - Lavender & Ylang Ylang

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

**Product name** Astonish Non Bio 2 in 1 Liquid - Lavender & Ylang Ylang  
**Product number** 336001  
**Internal identification** F5V1

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Machine and hand washing of fabrics. The removal of soils and stains from fabrics.

##### 1.3. Details of the supplier of the safety data sheet

**Supplier** The London Oil Refining Company Ltd  
Astonish House  
Unit 1 Premier Point  
Staithgate Lane  
Bradford BD6 1DW  
(01274) 767440 (office hours only)  
(01274) 726285  
www.astonishcleaners.com

**Contact person** info@astonish.co.uk

##### 1.4. Emergency telephone number

**Emergency telephone** (01274) 767440 (office hours only)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

**Physical hazards** Not Classified  
**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2 - H319  
**Environmental hazards** Not Classified

##### 2.2. Label elements

###### Pictogram



**Signal word** Warning

**Hazard statements** H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

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<b>Precautionary statements</b>	<p>P101 If medical advice is needed, have product container or label at hand.</p> <p>P102 Keep out of reach of children.</p> <p>P103 Read label before use.</p> <p>P264 Wash hands thoroughly after handling.</p> <p>P280 Wear protective gloves and eye protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p>
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**Additional Labelling** None

**Detergent labelling** 5 - < 15% anionic surfactants, 5 - < 15% non-ionic surfactants, 5 - < 15% soap, < 5% optical brighteners, < 5% perfumes, < 5% phosphonates, < 5% polycarboxylates, Contains Butylphenyl methylpropional, Linalool, alpha-iso-Methylionone, Geraniol, 1,2-benzisothiazol-3(2H)-one

### 2.3. Other hazards

None

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<p><b>Sodium Laureth Sulfate</b> <span style="float: right;"><b>10-30%</b></span></p> <p>CAS number: 68891-38-3                      EC number: 500-234-8                      REACH registration number: 01-2119488639-16-XXXX</p>
<p><b>Classification</b></p> <p>Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412</p>
<p><b>Alcohols, C12-15, ethoxylated</b> <span style="float: right;"><b>5-10%</b></span></p> <p>CAS number: 68131-39-5 M factor (Acute) = 1</p>
<p><b>Classification</b></p> <p>Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Acute 1 - H400</p>
<p><b>[Ethylenebis[nitrilobis(methylene)]]tetrakisphosphonic acid, sodium salt</b> <span style="float: right;"><b>1-5%</b></span></p> <p>CAS number: 7651-99-2                      EC number: 231-615-4</p>
<p><b>Classification</b></p> <p>Not Classified</p>

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<b>Sodium Carbonate</b>		<b>1-5%</b>
CAS number: 497-19-8	EC number: 207-838-8	REACH registration number: 01-2119485498-19-0000
<b>Classification</b>		
Eye Irrit. 2 - H319		
<b>1,2-benzisothiazol-3(2H)-one</b>		<b>&lt;1%</b>
CAS number: 2634-33-5	EC number: 220-120-9	
M factor (Acute) = 1		
<b>Classification</b>		
Acute Tox. 4 - H302		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
Skin Sens. 1 - H317		
Aquatic Acute 1 - H400		
Aquatic Chronic 2 - H411		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove exposure and give water to drink if mouth irritation experienced. Seek medical advice if recovery not rapid.
<b>Ingestion</b>	Drink water. If symptoms persist seek medical advice.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists after washing.

#### 4.2. Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	Possible mild irritation of breathing passage and possible mouth irritation.
<b>Ingestion</b>	Possible mild stomach upset and mild soreness of mouth.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	Causes eye irritation.

#### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	No data available
<b>Specific treatments</b>	No data available.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Use extinguisher suitable to cause of fire.

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### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** Product does not support combustion, minimal fire hazard. Minimal quantities of oxides of carbon may be produced.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Use protection suitable to cause of fire.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin and eyes.

### 6.2. Environmental precautions

**Environmental precautions** Product is intended to be rinsed away to sewer after use. For bigger spillages non-household spillages prevent entry into sewer or drains.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Absorb household spillages with e.g kitchen roll and dispose of in bin. Wipe affected area clean with a damp cloth.

### 6.4. Reference to other sections

**Reference to other sections** None

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Use as instructed on label. Avoid contact with skin and eyes.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in ambient conditions. Keep out of the reach of children.

### 7.3. Specific end use(s)

**Specific end use(s)** Machine and hand washing of fabrics. The removal of soils and stains from fabrics.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### **Sodium Carbonate**

Long-term exposure limit (8-hour TWA): 10 mg/m<sup>3</sup>

### 8.2. Exposure controls

**Eye/face protection** Wear eye protection.

**Hand protection** Wear protective gloves.

**Environmental exposure controls** This product does not pose a hazard in normal use.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

**Appearance** White, opaque liquid

**Colour** White.

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<b>Odour</b>	Floral/Lavender
<b>Odour threshold</b>	Not known.
<b>pH</b>	pH (concentrated solution): 8.0 - 9.0
<b>Melting point</b>	Not known.
<b>Initial boiling point and range</b>	Not measured (>100°C)
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not measured.
<b>Evaporation factor</b>	Not known.
<b>Flammability (solid, gas)</b>	Does not ignite.
<b>Upper/lower flammability or explosive limits</b>	Does not ignite.
<b>Other flammability</b>	Not known.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	> 1 (Air=1)
<b>Relative density</b>	1.010 - 1.070
<b>Bulk density</b>	Not relevant.
<b>Solubility(ies)</b>	Soluble in water
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	Not known.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	500 - 3000 cP @ 20°C
<b>Explosive properties</b>	None
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Not available.

### 9.2. Other information

**Other information**                      None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity**                                No reactivity hazards expected.

### 10.2. Chemical stability

**Stability**                                 Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions**    None under normal conditions.

### 10.4. Conditions to avoid

**Conditions to avoid**                      None known.

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### 10.5. Incompatible materials

**Materials to avoid**                      None known.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products**      Carbon oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects**                      This mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

#### Acute toxicity - oral

**ATE oral (mg/kg)**                      36,036.04

#### Toxicological information on ingredients.

#### Sodium Laureth Sulfate

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)**      2,000.0

**Species**                                      Rat

##### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)**      2,000.0

**Species**                                      Rat

#### Alcohols, C12-15, ethoxylated

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)**      2,000.0

**Species**                                      Rat

**ATE oral (mg/kg)**                      2,000.0

#### 1,2-benzisothiazol-3(2H)-one

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)**      2,660.0

**Species**                                      Acute toxicity estimate

**ATE oral (mg/kg)**                      500.0

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### SECTION 12: Ecological Information

**Ecotoxicity** The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

#### 12.1. Toxicity

**Toxicity** The mixture has not been tested. Based on the available data of the ingredients the mixture is not classified as harmful to the aquatic environment.

#### Ecological information on ingredients.

##### Sodium Laureth Sulfate

###### Acute aquatic toxicity

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , : >1 - 10 mg/l, Brachydanio rerio (Zebra Fish)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: >1 - 10 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 72 hours: >10 - 100 mg/l, Desmodosmus subspicatus
<b>Acute toxicity - microorganisms</b>	EC10, : >10,000 mg/l, Pseudomonas putida

##### Alcohols, C12-15, ethoxylated

###### Acute aquatic toxicity

<b>LE(C)<sub>50</sub></b>	0.1 < L(E)C50 ≤ 1
<b>M factor (Acute)</b>	1
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 1-10 mg/l, Fish
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 0.1-1 mg/l, Daphnia magna

##### 1,2-benzisothiazol-3(2H)-one

###### Acute aquatic toxicity

<b>LE(C)<sub>50</sub></b>	0.1 < L(E)C50 ≤ 1
<b>M factor (Acute)</b>	1

#### 12.2. Persistence and degradability

**Persistence and degradability** Does not contain any components considered to be persistent. Contains detergents that satisfy the biodegradation requirements of directive 648/2004/EC.

#### Ecological information on ingredients.

##### Sodium Laureth Sulfate

**Biodegradation** The substance is readily biodegradable.  
- >70%: 28 days

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No bio-accumulative potential noted for any component.

**Partition coefficient** Not determined.

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### 12.4. Mobility in soil

**Mobility** The components of the mixture are readily absorbed into soil and are mobile in water environment.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** No data available.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of according to local regulations. Avoid disposing into drainage systems and into the environment. Dispose of contaminated packaging in the same way as the product itself. Non-contaminated packages may be recycled.

## SECTION 14: Transport information

**General** Not regulated.

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

Not regulated.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**EU legislation** This safety data sheet is compliant with EC Regulation 1907/2006 (REACH) as adapted by 453/2010, Directive 67/548/EEC and EC Regulation 1272/2008 (CLP). Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No. 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents.



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### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Abbreviations and acronyms used in the safety data sheet</b>	<p>ATE: Acute Toxicity Estimate.          CAS: Chemical Abstracts Service.          EC<sub>50</sub>: 50% of maximal Effective Concentration.          LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.          LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).          PBT: Persistent, Bioaccumulative and Toxic substance.          vPvB: Very Persistent and Very Bioaccumulative.</p>
<b>General information</b>	Note: The hazard statements below are explanations of phrases used in the SDS as abbreviations and DO NOT apply to the product. The statements applicable to the product are those identified in Section 2 only.
<b>Key literature references and sources for data</b>	Classification in accordance with Article 6(5) of the CLP Regulation using DetNet Reference DetNet/363
<b>Revision comments</b>	Revised formulation.
<b>Issued by</b>	The London Oil Refining Company Ltd
<b>Revision date</b>	19/02/2019
<b>Revision</b>	5.1
<b>Supersedes date</b>	20/09/2017
<b>SDS number</b>	5043
<b>Hazard statements in full</b>	<p>H302 Harmful if swallowed.          H315 Causes skin irritation.          H317 May cause an allergic skin reaction.          H318 Causes serious eye damage.          H319 Causes serious eye irritation.          H400 Very toxic to aquatic life.          H411 Toxic to aquatic life with long lasting effects.          H412 Harmful to aquatic life with long lasting effects.          EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.</p>